MAY 1 7 2004

CUSTOMER NUMBER 25268

E UNITED STATES PATENT AND TRADEMARK OFFICE

3 Applicants: 4

Minoru Taya et al.

Attorney Docket No. UNIV0216

Serial No.:

10/790,634

Group Art Unit:

Filed:

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February 27, 2004

Examiner:

Title:

DESIGN OF FERROMAGENTIC SHAPE MEMORY ALLOY COMPOSITES

AND ACTUATORS INCORPORATING SUCH MATERIALS

INFORMATION DISCLOSURE STATEMENT

Bellevue, Washington 98004

May 12, 2004

TO THE COMMISSIONER FOR PATENTS:

	Applicants	are aware of the	intormation	listed in the	e attached form	that may	be material	to the
prose	cution of the	above-identified	patent applic	ation.				

prosecution o	f the above-identified patent application.
<u>X</u> 1.	Copies of the listed non-U.S. patent publications and other information are enclosed for the Examiner's use.
2.	Copies of the listed patents, publications, and other information were previously cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No, filed, and relied upon for an earlier filing date under 35 U.S.C. § 120.
3.	A concise explanation of the relevance of document I.D. No (which is not in the English language), as presently understood by the individual designated under 37 C.F.R. § 1.56(c) most knowledgeable about its content, is provided
<u>X</u> 4.	Pursuant to 37 C.F.R. § 1.97(b), this information disclosure statement is being filed within three months of the filing date of the national application, within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, or before the mailing date of a first Office Action on the merits.
5.	Pursuant to 37 C.F.R. § 1.97(c), this information disclosure statement is being filed

5	Pursuant to 37 C.F.R. § 1.97(c), this information disclosure statement is being filed
	after the period set forth in 37 C.F.R. § 1.97(b) but before the mailing date of either a
	final action under 37 C.F.R. § 1.113, or a notice of allowance under 37 C.F.R. § 1.311
	and is accompanied by:

a	a certification as specified in 37 C.F.R. § 1.97(e); o	r
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b.	 the fee set forth in 37 C.	.F.R. § 1.17(p).	Check No.	in the amount of
	is enclosed	•		

1	6.	Pursuant to 37 C.F.R. § 1.97(d), this information disclosure statement is being filed after the mailing date of either:
2		
3	a.	a final action under 37 C.F.R. § 1.113; or
4	b.	a notice of allowance under 37 C.F.R. § 1.311,
5		but before payment of the issue fee. The statement is accompanied by a
6		certification as specified in 37 C.F.R. § 1.97(e), a statement requesting consideration of the information disclosure statement, and the petition fee set
7 8		forth in 37 C.F.R. § 1.17(p). Check No in the amount of \$ is enclosed.
9	X 7.	Please charge any additional fees or credit any overpayment to Deposit Account
10		No. 01-1940. A copy of this sheet is enclosed.
11		Respectfully submitted,
12		$\mathcal{A} \sim 1$
13	:	Ronanderson
14		Ronald M. Anderson
15		Registration No. 28,829
16		by certify that this correspondence is being deposited with the U.S. Postal Service in a sealed
17		st class mail with postage thereon fully prepaid addressed to: Commissioner for Patents, P.O. kandria, Virginia 22313-1450, on May 12, 2004.
18	Date: May 12,	VOTA DOLL
19	Date. May 12,	2004
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CUSTOMER NUMBER 25268

Information Cited By Applicant(s) That May Be Material To The Prosecution Of The Subject Application

Applicants:

Minoru Taya et al.

Attorney Docket No. UNIV0216

Serial No.:

10/790,634

Group Art Unit:

RMATION DISCLOSURE STATEMENT LISTING SHEET

Filed:

February 27, 2004

Examiner:

Title:

*Evaminer

Document

DESIGN OF FERROMAGNETIC SHAPE MEMORY ALLOY COMPOSITES

AND ACTUATORS INCORPORATING SUCH MATERIALS

U.S. PATENT DOCUMENTS

NONE CITED

FOREIGN PATENT DOCUMENTS

NONE CITED

OTHER INFORMATION

<u>Initial</u>	No.	Document Information
	O1	Matsunaga, Yasuhiro et al. "Design of ferromagnetic shape memory alloy composites based on TiNi for robust and fast actuators." 2002. Proc. SPIE on Smart Materials. March 17-21, 2002: 4699:172. 10pp.
	O2	Wada, Taishi and Taya, Minoru. "Spring-based actuators." Smart Structures and Materials 2002: Active Materials: Behavior and Mechanics, Christopher S. Lynch, Editor, Proceedings of SPIE Vol. 4699 (2002). pp. 294-302.
Examiner's Si	gnature	Date

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RMA:klp 5/12/04